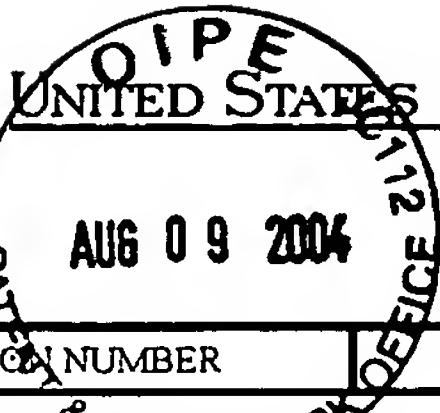


AFW/



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
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 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/709,474 AUG 09 2004 PATENT AND TRADEMARK OFFICE	05/07/2004	Ryoichi Watanabe	JP920030057US1

CONFIRMATION NO. 3473

24241
 IBM MICROELECTRONICS
 INTELLECTUAL PROPERTY LAW
 1000 RIVER STREET
 972 E
 ESSEX JUNCTION, VT 05452

FORMALITIES LETTER



OC000000013120316

Date Mailed: 07/01/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

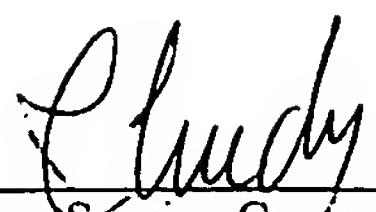
- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

08/10/2004 MAHMED1 00000108 090456 10709474

01 FC:1051 130.00 DA

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



Response To Notice To File Missing Parts Of Application
AUG 09 2004 Filing Date Granted (PTO-1533)(Large Entity)

Docket No.
JP920030057US1

In Re Application Of: Ryoichi Watanabe, et al

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/709,474	05/07/2004		24241	1753	3473

Invention: PRINTED CIRCUIT BOARD MANUFACTURING METHOD

Mail Stop Missing Parts

COMMISSIONER FOR PATENTS:

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

07/01/2004

Date

Enclosed herewith for filing are the following:

- A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- A properly signed oath or declaration in compliance with 37 CFR 1.63.
- An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- Other (list):

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.
JP920030057US1

In Re Application Of: **Ryoichi Watanabe, et al**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/709,474	05/07/2004		24241	1753	3473

Invention: PRINTED CIRCUIT BOARD MANUFACTURING METHOD

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

Completion of application fees as calculated below:

Utility application filing fee _____

Design application filing fee _____

Total number of independent claims = _____

Total number of claims = _____

Multiple dependent claims _____

Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

Petition and fee for filing by other than all the inventors or a person not the inventor _____

Fee for processing an application filed with a non-English language specification _____

Fee for processing and retention of application _____

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

One month Two months Three months Four months Five months

from: _____ *Date* until: _____ *Date*

Total time extension fees _____

Total fees due **\$130.00**

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
JP920030057US1

In Re Application Of: **Ryoichi Watanabe, et al**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/709,474	05/07/2004		24241	1753	3473

Invention: PRINTED CIRCUIT BOARD MANUFACTURING METHOD

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

The fee of **\$130.00** is to be paid as follows:

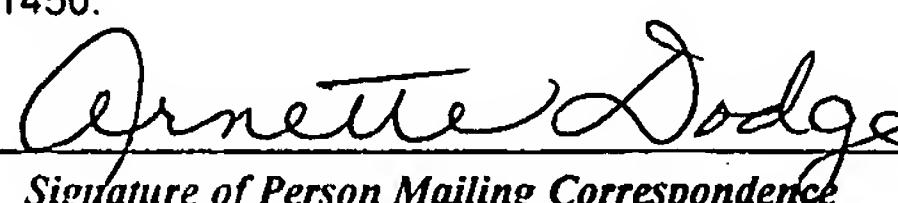
- A check in the amount of the fee is enclosed.
- The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **09-0456**
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.


Anthony J. Canale
Signature

Dated: **08/06/2004**

Anthony J. Canale, Reg. # 51,526
IBM Corporation
1000 River Street, 972E
Essex Junction, VT 05452
Customer No. 24241

I certify that this document and fee is being deposited on **8/6/2004** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Annette Dodge
Signature of Person Mailing Correspondence

ARNETTE DODGE
Typed or Printed Name of Person Mailing Correspondence

cc: